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Subject: Bunker Hill - Weekly O&M Update (23 July)
Date: Friday, July 27, 2018 2:04:21 PM
Attachments: [image001.png](#)
[BHCTP Data \(7-17 to 7-23\).xls](#)

Rod,

The weekly Bunker Hill Central Treatment Plant (CTP) and Kellogg Tunnel (KT) data package is attached for your review.

CTP Operations:

- Reactor pH: The pH set point was increased from 8.4 to 8.5 July 18; it was set at 8.4 during the remainder of this reporting period
- 006 Effluent Zinc (Average): 0.244 mg/L (n = 3, July 13 - July 18)
- 006 Effluent pH (Average): 6.70 s.u. (n = 3, July 13 - July 18)
- 006 Effluent Turbidity (Average): 0.76 NTU (n = 7, July 17 – July 23)
- Average Monthly Lime Usage (July): 3.52 tons per day
- Flocculant Dose: Flocculant dose remained at 1.6 ppm during this reporting period

Kellogg Tunnel:

- KT Flow: Currently estimated at 830 gpm at this time
- KT Zinc: 41 mg/L (n = 2, July 2, July 5)
- KT pH: 2.90 s.u. (Lab - n = 2, July 2, July 5)
2.83 s.u. (Lab - n = 2, July 19, July 23)
- The mine pool pump was removed from service at 11:30 Wednesday July 18 and placed back into service Monday July 23

Lined Pond:

- Current Volume: 1.00 MG

Additional Items:

- AMD line pigging and annual video inspections scheduled for August 14 - August 16
- The BH mine managers have agreed to remove the mine pool pump from service for the scheduled pigging event

Thanks,

Spencer Thomas Archer, P.E., BCEE

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